

ECOTECH ADVANCED METERING SYSTEM

CAST-IRON
DRY-TYPE
WATER METER

Multi-jet mechanical water meter engineered with a sealed dry register, clear analog indication and a robust cast-iron body for dependable consumption measurement.

MULTI-JET

DRY DIAL

CLASS B



ACTUAL PRODUCT

DN15-DN50

SIZE RANGE

1.5-15.0 m³/h

NOMINAL FLOW

3.0-30.0 m³/h

MAXIMUM FLOW

PN10 / R80H

SHOWN METER

PRODUCT ADVANTAGES



01

SEALED DRY REGISTER

The register is isolated from the water chamber to protect the indication mechanism from dust and moisture, helping maintain a clear, easy-to-read dial.



02

MECHANICAL RELIABILITY

An upgraded mechanical transmission and measuring chamber are designed for stable long-term operation, with clearances that support dependable performance.



03

DURABLE CONSTRUCTION

A corrosion-resistant metal measuring body, cast-iron outer body and engineered components provide a durable assembly for everyday metering applications.

PRODUCT OVERVIEW

ECOTECH dry-type meters combine a protected mechanical register with multi-jet measuring technology. The shown meter face identifies PN 10 bar, Class B, R80H and ISO 4064 marking. The catalogue range covers DN15 through DN50.

SUITABLE FOR

Clean-water consumption metering in residential, commercial and light-industrial service.

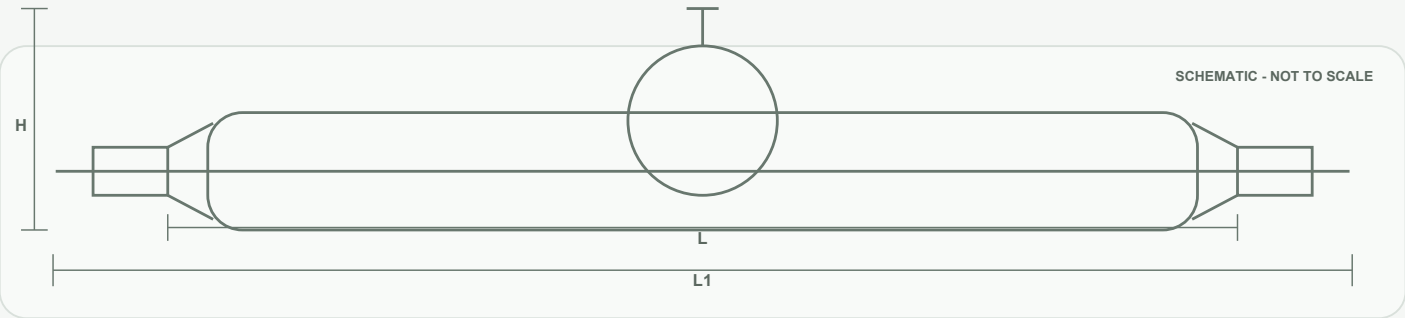
REGISTER AT A GLANCE

DISPLAY	Mechanical odometer
UNIT	Cubic metre (m³)
RESOLUTION	Down to 0.0001 m³
INDICATOR	Low-flow / leak star

DIMENSIONAL DATA

Catalogue dimensions for the ECOTECH multi-jet dry-type meter range. All dimensions are in millimetres unless stated otherwise.

MODEL / DN	UNIT	15	20	25	32	40	50
Nominal connection	inch	1/2	3/4	1	1 1/4	1 1/2	2
Body length - L	mm	165	190	260	260	300	300
Length with couplings - L1	mm	260	295	380	385	430	450
Width - W	mm	95	95	100	100	112	145
Height - H	mm	106	106	115	116	142	178
Approx. weight	kg	1.5	2.0	2.8	2.8	5.2	8.5

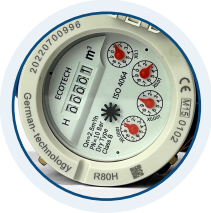


PERFORMANCE DATA

Metrological characteristics according to ISO 4064:2005 (catalogue reference: OIML R49 / EN 14154).

PARAMETER	UNIT	SYMBOL	DN15	DN20	DN25	DN32	DN40	DN50
Maximum flow rate	m3/h	Qmax	3.0	5.0	7.0	12.0	20.0	30.0
Nominal flow rate	m3/h	Qn	1.5	2.5	3.5	6.0	10.0	15.0
Transitional flow rate	L/h	Qt	120	200	280	480	800	1200
Minimum flow rate	L/h	Qmin	30	50	70	120	200	300

METER DIAL



Direct register: total volume in m3
Red pointer dials: fractional volume
Star indicator: low-flow / leak indication
Smallest shown division: 0.0001 m3

SELECTION NOTES

- Select meter size from required operating flow, not pipe size alone.
- Install with the dial readable and the flow arrow aligned with pipe flow.
- Provide upstream flushing and suitable isolation / straining where required.
- Confirm thread type, water-temperature variant and local approval before order.

Technical values reproduced from the supplied ECOTECH catalogue imagery. Product appearance may vary by size.